| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|----------|---------------------|---------|------------------|
| LI | 1 | (radiological AND imaging AND detector AND support AND extends AND longitudinal AND plurality AND units AND bed AND radius AND direction AND semiconductor AND detection AND signal AND output AND electrodes AND common AND potential AND gamma-ray).CLM. | US-PGPUB | OR | ON | 2006/07/13 16:58 |
| L2 | 1 | (radiological AND imaging AND detector AND support AND extends AND longitudinal AND plurality AND units AND bed AND counting AND tomographic AND image AND creation AND semiconductor AND anode AND cathode AND gamma-ray).CLM. | US-PGPUB | OR | ON | 2006/07/13 17:00 |
| L3 | 0 | (radiological AND imaging AND detector AND support AND extends AND longitudinal AND bed AND plurality AND units AND image AND creation AND semiconductor AND potential AND ouptput AND gamma-ray).CLM. | US-PGPUB | OR | ON | 2006/07/13 17:01 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|--|---|---------------------|---------|------------------|
| [1] | 60 | Ueno-Yuuichirou.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/13 16:31 |
| L2 | 35 | 1 and (radiological adj imaging adj apparatus).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/13 16:32 |
| 13 | 2400 | ((378/19) or (250/370.09,370.10, 367,363.03,363.04)).CCLS. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/07/13 16:36 |
| L4 | 3021 | ((378/19) or (250/370.09,370.10, 367,363.03,363.04)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/07/13 16:36 |
| L5 | 26 | 4 and (detector with longitudinal with (support or bed)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/13 16:38 |
| S1 | 12 | (("6448559") or ("4843245") or ("20020090050") or ("20020191734") or ("20030179853") or ("20030108147")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/14 13:14 |
| S2 | 607 | (378/19):CCLS. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/02/03 17:22 |
| S3 | 0 | S2 and ((detector adj support adj member) and (detector with arranged with longitudinal)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/03 17:23 |
| S4 | 12 | S2 and (detector with arranged with longitudinal) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/03 17:26 |
| S5 | 122028 | "378"/\$.ccls. or "250"/\$.ccls. | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/03 17:26 |
| S6 | 179 | S5 and (detector with arranged with longitudinal) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/03 17:27 |
| S7 | 17 | S6 and (detector with ring) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/03 17:34 |

| S8 | 4 | (("4289965") or ("4389569")).PN. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/02/03 18:07 |
|-----|-------|--|---|----|-----|------------------|
| S9 | 607 | (378/19).CCLS. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/02/03 18:18 |
| S10 | 2 | ("5600145").PN. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/02/03 18:30 |
| S11 | 2 | ("6175611").PN. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/02/03 18:30 |
| S12 | 0 | ("2003/0179853").URPN. | USPAT | OR | ON | 2005/02/03 20:55 |
| S13 | 0 | ("2003/0179853").URPN. | USPAT | OR | ON | 2005/02/03 20:55 |
| S14 | 36274 | Ueno.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/13 19:55 |
| S15 | 37 | Ueno-Yuuichirou.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/13 16:31 |
| S16 | 29 | S15 and imaging | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/13 19:55 |
| S17 | 23 | S16 and radiological | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/13 19:56 |
| S18 | 20 | S16 and radiological.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/13 20:01 |
| S19 | 17 | S18 and gamma | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/13 20:01 |
| S20 | 140 | (gamma with detectors with (radius or radial)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/27 10:23 |
| S21 | 33 | S20 and imaging | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/27 10:12 |
| S22 | 26 | S21 and tomography | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/27 10:12 |

| S23 | 38 | (gamma with detectors with (radius or radial)) and tomography | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/27 10:56 |
|-----|------|---|--|----|-----|------------------|
| S24 | 22 | Wong-Wai-Hol.in. | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/27 10:56 |
| S25 | 18 | S24 and positron | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/27 13:14 |
| S26 | 1366 | (250/370.09,370.10,367,363.03). CCLS. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/15 16:01 |
| S27 | 51 | S26 and gamma and tomography and (detector with (radial or radius)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/01 16:47 |
| S28 | 46 | S27 not S22 | USP AT; EPO; JPO ; DER WENT | OR | ON | 2005/07/27 13:15 |
| S29 | 42 | S28 not S25 | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/27 13:15 |
| S30 | 1366 | (250/370.09,370.10,367,363.03). CCLS. | USP AT; EPO; JPO ; DER WENT | OR | OFF | 2005/07/27 16:23 |
| S31 | 43 | S30 and ((DOI) or (depth with interaction)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/27 16:23 |
| S32 | 39 | S31 and gamma | USP AT; EPO; JPO ; DER WENT | OR | ON | 2005/07/27 16:23 |
| S33 | 22 | S32 and (gantry or ring) | USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/27 16:24 |
| S34 | 2253 | ((378/19) or (250/370.09,370.10, 367,363.03,363.04)).CCLS. | USP AT; EPO; JPO ; DERW ENT | OR | OFF | 2006/07/13 16:36 |
| S35 | 12 | S34 and (detector with longitudinal with (support or bed)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/13 16:37 |
| S36 | 0 | S34 and (detectors with semiconductor with signal with output with common with potential with electrodes) | USPAT; EPO; JPO ; DERW ENT | OR | ON | 2005/11/15 16:04 |

| C2= | | | 110 000115 | T 00 | | 2005/44/45/46/4 |
|-----|---|--|------------|------|----|------------------|
| S37 | 0 | (detector AND longitudinal AND (bed or support) AND radiation AND detector AND detachable AND semiconductor AND signal AND electrodes AND potential AND gamma AND (radial or radius)). CLM. | US-PGPUB | OR | ON | 2005/11/15 16:11 |
| S38 | 0 | (ring-shaped AND detector AND longitudinal AND (bed or support) AND radiation AND detector AND detachable AND semiconductor AND signal AND electrodes AND potential AND gamma AND (radial or radius)).CLM. | US-PGPUB | OR | ON | 2005/11/15 16:08 |
| S39 | 1 | (detector AND longitudinal AND (bed or support) AND x-ray AND radiation AND detector AND detachable AND transport AND apparatus).CLM. | US-PGPUB | OR | ON | 2005/11/15 16:18 |
| S40 | 6 | (detector AND longitudinal AND (bed or support) AND radiation AND detector AND detachable AND semiconductor: x-ray AND gamma-ray AND counting AND position AND information AND pair AND tomographic).CLM. | US-PGPUB | OR | ON | 2005/11/15 16:14 |
| S41 | 6 | (detector AND longitudinal AND (bed or support) AND radiation AND detector AND detachable AND semiconductor x-ray AND gamma-ray AND counting AND position AND information AND pair AND tomographic AND (first with gamma) AND (second with gamma)).CLM. | US-PGPUB | OR | ON | 2005/11/15 16:16 |
| S42 | 6 | (detector AND longitudinal AND (bed or support) AND radiation. AND detector AND detachable. AND semiconductor x-ray AND gamma-ray AND counting AND position AND information AND pair. AND tomographic AND (first adj gamma) AND (second adj gamma)).CLM. | US-PGPUB | ÖR | ON | 2005/11/15 16:16 |

| S43 | 0 | (detector AND longitudinal AND (bed or support) AND x-ray AND radiation AND detector AND detachable AND semiconductor AND parallel AND output AND potential AND electrodes AND gamma-ray and (radius or radial)). CLM. | US-PGPUB | OR | ON | 2005/11/15 16:19 |
|-----|-------|--|--|----|-----|------------------|
| S44 | 2 | (" 5907156").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/14 13:15 |
| S45 | 38776 | Ueno.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 14:41 |
| S46 | 41 | S45 and radiological.ti. | US-P GPUB; USPAT; EPO; JPO ; DERW ENT | OR | ON | 2006/04/14 14:42 |
| S47 | 0 | S46 and (common adj potential adj electrodes) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 14:42 |
| S48 | 1 | S46 and (detection adj signal adj output adj electrode) | US-P GPUB; USPA T; EPO; JPO; DERW ENT | OR | ON | 2006/04/14 14:40 |
| S49 | 54 | Ueno-YUUICHIROU.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 16:02 |
| S50 | 32 | S4 9 and radiological.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 14:43 |
| S51 | 0 | S50 and (common adj potential) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 14:42 |
| S52 | 0 | S50 and (potential adj electrodes) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 14:42 |
| S53 | 0 | S50 and (potential adj electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 14:42 |

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|-----|--------|---|---|-----------|-----|------------------|
| S54 | 1 | S50 and (potential with electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 14:42 |
| S55 | 29 | S49 and "radiological imaging apparatus".ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 14:43 |
| S56 | 44 | S49 and semiconductor | US-PG PUB ; USPAT; EPO; J PO ; DERW ENT | OR | ON | 2006/04/14 17:58 |
| S57 | 603 | (250/363.03,363.04).CCLS. | USPAT; EPO; JPO; DERW ENT | OR | OFF | 2006/04/14 18:00 |
| S58 | 83 | S57 and (x-ray with source) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 18:00 |
| S59 | 39 | S57 and (detector with semiconductor) | USPAT; EPO; J PO ; DERW ENT | OR | ON | 2006/04/14 18:00 |
| S60 | 10 | S58 and (detector with semiconductor) | USPAT; EPO; J PO ; DERW ENT | OR | ON | 2006/04/14 18:00 |
| S61 | 696 | (250/363.03,363.04).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/14 18:00 |
| S62 | 97 | S61 and (x-ray with source) | US-PG PUB ; USPAT; EPO; JPO ; DERW ENT | OR | ON | 2006/04/14 18:00 |
| S63 | 15 | S62 and (detector with semiconductor) | US-PGPUB; USPAT; EPO; J PO ; DERWENT | OR | ON | 2006/04/14 18:01 |
| S64 | 15 | S63 and (CT or (computed adj2 tomography) or (computerized adj2 tomography)) | US-PG PUB; USPAT; EPO; J PO; DERW ENT | OR | ON | 2006/04/14 18:09 |
| S65 | 246394 | (CT or (computed adj2 tomography) or (computerized adj2 tomography)) | US-PGP UB; USPAT; EPO; J PO ; DERWE NT | OR | ON | 2006/04/14 18:11 |
| S66 | 13117 | (CT or (computed adj2 tomography) or (computerized adj2 tomography)) and (PET or (positron adj emission)) | US-PGPUB; USPAT; EPO; J PO ; DERWENT | OR | ON | 2006/04/14 18:11 |

| S67 | 67 | (CT or (computed adj2 tomography) or (computerized adj2 tomography)) and (PET or (positron adj emission)) and (x-ray adj2 source) and (detector with semiconductor) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 18:12 |
|-------------|--------|--|---|----|-----|------------------|
| S68 | 3938 | "378"/\$.ccls. and "250"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 18:12 |
| S69 | 139281 | "378"/\$.ccls. or "250"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 18:12 |
| S 70 | 53 | S67 and S69 | US-PGPU B; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/14 18:28 |
| S71 | · 2 | ("5821541").PN. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/14 18:29 |
| S72 | 2 | ("5821540").PN. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/14 18:36 |
| S73 | 2 | ("6346706").PN. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/14 19:06 |
| S74 | 14 | (("6484051") or ("6449331") or ("6326624") or ("5821541") or ("5567944") or ("4857737") or ("4677299")).PN. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/17 09:34 |
| S75 | 2335 | ((378/19) or (250/370.09,370.10, 367,363.03,363.04)).CCLS. | USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/04/17 09:35 |
| S76 | 96 | S75 and ((gamma adj ray) with (detect or detects or detected or detecting or detection)) and (detector with semiconductor) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/17 09:44 |
| S77 | 11 | S76 and (detector with anode with cathode) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/17 09:44 |
| S78 | 104 | S75 and (CT and PET) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/17 09:44 |
| S79 | 18 | S78 and (detector with semiconductor) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/17 09:44 |

| S80 | 18 | S79 not S77 | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/17 09:50 |
|-----|----|--|---|----|-----|------------------|
| S81 | 39 | radiation and (CT or PET) and (detectors with (arranged or placed) with (radial or radius)) | USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/17 09:51 |
| S82 | 0 | (radiological AND imaging AND detector AND support AND extends AND longitudinal AND plurality AND units AND bed AND radius AND direction AND semiconductor AND detection AND signal AND output AND electrodes AND common AND potential AND gamma-ray).CLM. | US-PGPU B | OR | ON | 2006/04/17 11:10 |
| S83 | 1 | (radiological AND imaging AND detector AND support AND extends AND longitudinal AND plurality AND units AND bed AND counting AND tomographic AND image AND creation AND semiconductor AND anode AND cathode AND gamma-ray).CLM. | US-PGPUB | OR | ON | 2006/04/17 11:12 |
| S84 | 0 | (radiological AND imaging AND detector AND support AND extends AND longitudinal AND bed AND plurality AND units AND image AND creation AND semiconductor AND potential AND ouptput AND gamma-ray).CLM. | US-PGP UB | OR | ON | 2006/04/17 11:13 |
| S87 | 22 | (("5907156") or ("4677299") or ("4639599") or ("6661866") or ("6175611") or ("6448559") or ("4843245") or ("20020090050") or ("20020191734") or ("20030179853") or ("20030108147")) PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 15:22 |
| S88 | 56 | Ueno-Yuuichirou.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/01 16:13 |
| S89 | 46 | S88 and (detector with semiconductor) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/01 16:13 |
| S90 | 43 | S89 and (gamma-ray adj detection signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/01 16:13 |

| S91 | 31 | S90 and radius | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/01 16:43 |
|----------|------|---|---|----|-----|------------------|
| S92 | 0 | S91 and ((output adj electrodes) and (common adj potential adj electrodes)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/01 16:15 |
| S93 | 0 | S88 and ((output adj electrodes) and (common adj potential adj electrodes)) | US-PGP UB ; USPAT; EPO; JP O ; DERWE NT | OR | ON | 2006/06/01 16:15 |
| S94 | 33 | S90 and (radius or radial) | US-PGPU B; USPAT; EPO; JP O; DERWE NT | OR | ON | 2006/06/01 16:43 |
| S95 | 2 | S94 not S91 | US-PGP UB; USPAT; EPO; JP O; DERWE NT | OR | ON | 2006/06/01 16:43 |
| S96 | 2377 | ((378/19) or (250/370.09,370.10, 367,363.03,363.04)).CCLS. | USPAT; EPO; JPO; DERWE NT | OR | OFF | 2006/06/01 18:11 |
| S97 | 134 | S96 and gamma and tomography and (detector with (radial or radius)) | USPAT; EPO; JP O ; DERWE NT | OR | ON | 2006/06/01 16:47 |
| S98 | 20 | S96 and gamma and tomography and (detector with (radial or radius)) and electrodes | USPAT; EPO; JP O; DERWE NT | OR | ON | 2006/06/01 18:09 |
| S99 | 0 | S96 and (gamma with detect\$4) and (detector with arranged with (radial or radius) with direction) and electrodes | USPAT; EPO; JP O; DERWE NT | OR | ON | 2006/06/01 18:11 |
| S10 0 | 2912 | ((378/19) or (250/370.09,370.10, 367,363.03,363.04)).CCLS. | US-PGPU B; USPAT; EPO; JP O; DERWE NT | OR | OFF | 2006/06/01 18:15 |
| S10 1 | 4 | S100 and (gamma with detect\$4) and (detector with arranged with (radial or radius) with direction) and electrodes | US-PGPUB; USPAT; EPO; JP O; DERWE NT | OR | ON | 2006/06/01 18:11 |
| S10 2 | 220 | S100 and ((gamma-ray with detect\$4).CLM. or ((gamma adj ray) with detect\$4).CLM.) | US-PGPU B; USPAT; EPO; JP O; DERWE NT | OR | ON | 2006/06/01 18:16 |

| S10 3 | 20 | S102 and (detector with (radius or radial) with direction) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/01 18:24 |
|----------|----|---|---|----|----|------------------|
| S10 4 | 19 | S103 not S101 | US-PGPU B; USPAT; EPO; JP O; DERWENT | OR | ON | 2006/06/01 18:16 |
| S10 5 | 19 | S102 and (detector with (radius or radial)) and semiconductor | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/01 18:25 |
| S10 6 | 10 | S105 not S104 | US-PGPU B; USPAT; EPO; JP O; DERWENT | OR | ON | 2006/06/01 18:25 |